

A

Acceptance of concrete, 6-9
Acid soil/alkaline soil, 8-6
Aeration, 2-6
Aerial photographs, 2-11
Affidavit of wages paid, 1-80
Anchor bolts, 6-27
As-built plans, 8-21

B

Backflow, 8-17
Balled and burlapped, 8-6
Bare root, 8-6
Barrier, 6-16
Bearing values, 6-3, 6-33
Bituminous surface treatment, 5-3
Borrow pits, 2-8
Bridge deck construction, 6-10
Bridge railings, 6-36
Bud, 8-6
Bulk specific gravity, 6-38

C

Calendar cutoff dates, 5-7
Caliper, 8-6
Cane, 8-6
Cast-in-place concrete piling, 6-32
Chain link fence, 8-19
Change order - checklist, 1-36
Change order executed by ferries, 1-39
Change order executed by the region, 1-36
Changes in the work, 1-29
Channel excavation, 2-14
Claims, 1-81
Cleaning metal, 6-37
Clearing, 2-1, 8-19
Clearing and grubbing - combined, 2-1
Clearing the site, 6-3
Cofferdams, 2-13
Compaction, 2-6
Compaction control, 5-16
Concrete seals and cofferdams, 6-14
Concrete structures, 6-6, 6-15
Conduit, 8-22, 8-24
Construction Engineer, Administration, 1-1
Construction Engineer, Bridge, 1-38
Construction Engineer, Roadway, 1-38

Construction joints, 5-21
Construction staking, 1-87
Contraction joints, 5-20
Contraction WSDOT relationships, 1-7
Contractor furnished material sources, 3-3
Contractor furnished sources, 3-4
Controlled blasting, 2-3
Control of Work, 1-70
Credit, 3-3
Cross-connection control, 8-17
Crushed, 3-1
Crushing, 3-1
Curing, 5-19
Curing concrete, 6-13

D

Daily compaction reports, 2-8
Defective materials, 1-72
Defective or unauthorized materials or work, 1-71
Direct tension indicator method, 6-28, 6-29
Disputes and claims, 1-81
Ditch, 2-14
Duct, 6-22
Duties before paving begins, 5-10
Duties during paving operations, 5-12

E

Earth embankments, 2-8
Earthwork quantities, 2-10
Embankment construction, 2-5
Embankment foundations, 2-5
Environmental considerations, 1-15
Epoxy resins, 6-11
Erection of steel, 6-27
Erosion control, 2-9
Erosion of slopes, 2-4
Excavation, 2-2
Expansion dams, 6-4, 6-31

F

Falsework, 6-6
Fertilizer, 8-7, 8-13
field notes, 10-2
Final cleanup, 6-6
Finishing, 6-12
Fly ash, 6-7
Foundations, 6-3

G

Genus, 8-6
Girders, 6-19, 6-20
Gravel backfill for walls, 2-14
Gravel borrow, 2-6
Grubbing, 2-1
Guardrail, 8-18
Guardrail posts and blocks

H

Handling and storing material, 6-27
Haul, 2-11
High-strength bolts, 6-28
Hot plant inspection, 5-8

I

Illumination, 8-20
Inspection and sampling of materials, 5-5
Inspection during mixing operations, 5-9
Inspection during planting, 8-11
Inspection of bituminous surface treatment,
 Class A, 5-3
Inspection of concrete production facilities, 6-7
Inspection of mixing plant, 5-8
Inspection of planting, 8-8
Inspection of trucks, 6-7
Inspection tools, 5-10
Inspector's duties, 3-2
Inspector's record of field tests, 3-1
Inventory inspection, 6-6
Irrigation, 8-14
Irrigation system, 8-15

J

Junction boxes, 8-22

L

Landscape, 8-6
Layout, 6-24
Lighting standards, 8-22

M

Maximum density, 2-7
Metric Designed Projects Administered with English, 1-48
Miscellaneous deductions, 1-76
Miscellaneous duties of the street inspector, 5-16
Miscellaneous inspection duties, 5-5
Mix design, 6-6
Moisture content, 2-6
Mudsills, 6-4
Mulch, 8-8

N

Node, 8-8

O

Optimum moisture, 2-7
Order list, 6-32
Overbreak, 2-4
Overburden, 3-2
Overrun of plan quantity, 1-30

P

Painting, 6-32, 6-36
Paving equipment, 5-10
Payment for shoring or extra excavation, 1-75
Payment for surplus processed material, 1-76
Payroll, 1-62
Pedestrian safety, 1-14
Performance reports, 1-73
Pesticide, 8-8
Photogrammetry, 2-11
Pier, column, and wall concrete, 6-14
Pile driving records, 6-36
Piling, 6-32
Pit, 3-1
Pit evaluation report, 3-2
Pit operations, 3-2
Placement, 6-9
Placing concrete roadway slab, 6-31
Plant establishment, 8-14
Planting, 8-5
Plant inspector, 5-9
Plant inspectors checklist, 5-8
Plant material, 8-13
Point of acceptance, 6-10
Post-tensioned bridges, 6-22
Post-tensioning record, 6-23
Precast concrete piling, 6-32
Preleveling, 5-11
Preparation of untreated roadway, 5-11
Prestressed concrete products, 6-20
Production, 3-1
Progress schedule, 8-14
Project documentation reviews, 10-14
Proportioning and mixing concrete, 6-6
Pruning, 8-13
Public convenience and safety, 1-19

Q

Quarry, 3-1

R

Railings, 6-36
 Railroad Agreements, 1-12
 Railroad flagging, 1-77
 Records of construction signing, collisions, and su, 1-27
 Reinforcing steel, 6-17
 Removal of structures and obstructions, 2-2
 Reports and records, 5-6
 Request to sublet, 1-47
 Required contract provisions for federal-aid const, 1-62
 Required tests, 5-8
 Responsibility of the street inspector, 5-10
 Roadside cleanup, 2-1
 Roadway excavation and embankment, 2-2
 Rock embankments, 2-8
 Rollers, 5-14
 Rust, 6-37

S

Safety nets and staging, 6-4
 Safety tags, 8-24
 Sales tax, 1-45
 Sand equivalent test, 3-1
 Scalping, 3-2
 Scour, 6-3
 Screen analysis for gradation, 3-1
 Seal coat, 5-5
 Seals, 6-14
 Segregation, 3-2, 6-8
 Setting anchor bolts and masonry plates, 6-27
 Settlement indicating devices, 2-5
 Shear keys, 6-8
 Shop drawings, 8-20
 Shop inspection of prestressed concrete products, 6-20
 Sidewalks, 8-19
 Significant decimal places, 10-2
 Signing, 8-24
 Site reclamation, 3-4
 Slides, 2-4
 Slipform, 6-16
 Slope treatment, 2-11
 Slump, 6-10
 Solid rock, 2-3
 Specific gravity, 3-3
 Speed limit, 1-27
 Speedy moisture tester, 2-7
 Splices, 6-17
 Spreading and finishing, 5-12
 Steel piling, 6-32
 Steel structures, 6-24
 Stockpiling, 3-3
 Straightening bent material, 6-27

Street inspectors checklist, 5-10
 Strippings, 3-1
 Structure excavation, 2-12
 Structures, general requirements, 6-1
 Subcontractors and lower tier subcontractors, 1-7
 Subgrade preparation, 2-12
 Supplemental final estimates, 1-80
 Surface Mining Act, 3-4
 Surface smoothness, 5-13
 Suspension of work and delay, 1-57

T

Temporary water pollution/erosion control, 2-9
 Tendon, 6-22
 Test borings, 6-3
 Test cylinders, 6-13
 Testing equipment, 5-7, 5-22
 Test piles, 6-35
 Tie/dowel bars, 5-19
 Timber structures, 6-31
 Traffic control, 5-10
 Traffic signal systems, 8-24
 Treated timber piling, 6-32
 Tremie, 6-14
 Trimming and cleanup, 2-14
 Turn-of-nut method, 6-29

U

Underground utilities, 1-12
 Unsuitable foundation, 2-5

V

Vibration, 6-8

W

Waste sites, 3-5
 Water, 2-13
 Waterproofing, 6-38
 Weather and temperature limits, 6-8
 Weed control, 5-16
 Weekly statements of working days, 1-57
 Weep holes, 2-14
 Weighing, 10-4
 Welding of structural steel, 6-30
 Welding reinforcing steel, 6-20
 Wire fence, 8-19
 Wiring, 8-22
 Working in water, 6-6
 WSDOT furnished material sources, 3-2
 WSDOT furnished sources, 3-5

